

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6660489").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/17 19:28
L2	1	("5843509").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/17 19:28
L3	1	("4945144").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/17 19:28
L4	1	("5490872").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/17 19:28
L5	1	("20020197631").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/17 19:29
S1	1	wo-0176385-\$\$ did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/10 17:01
S2	1	("5625053").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/10 17:02
S3	76	(lindhardt charlotte or ancrum tony or davies alan or kau paul).in	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/10 17:06
S4	546133	(atp or nad or nadp or nadh or nadph or enzymes or biocides)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/10 17:32
S5	280063	(crude or vegetable) oil or petrol or kerosene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/10 17:32
S6	2461	S4 same S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/10 17:33

## EAST Search History

S7	82478	lecithin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/10 17:33
S8	384	S6 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/10 17:33
S9	167	S6 same S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/10 17:33
S10	5626	lecithin same extract\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/10 17:40
S14	160	S6 same fuel	US-PGPUB; USPAT	ADJ	ON	2009/06/10 17:43
S15	0	S6 same fuel same lecithin	US-PGPUB; USPAT	ADJ	ON	2009/06/10 17:44
S16	1	S6 same fuel and lecithin	US-PGPUB; USPAT	ADJ	ON	2009/06/10 17:44
S26	2264	(436/177-178).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/06/15 08:54
S28	82597	lecithin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 08:54
S29	18	S26 and S28	US-PGPUB; USPAT	ADJ	ON	2009/06/15 08:54
S30	3312	lecithin with extract\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 08:55

## EAST Search History

S31	1473372	(lecithin or sds or sodium dodecyl (sulfate or sulphate) or phosphatidyl inositol or deoxycholic acid or potassium sorbate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 10:15
S32	2447344	oil or petrol or kerosene or gasoline	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 10:15
S33	20752	S31 with extract\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 10:25
S34	277	S32 and S33 and ("436" or "210").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 10:25
S35	2440	(210/634,638-639).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/06/15 10:47
S36	9	S32 and S33 and S35	US-PGPUB; USPAT	ADJ	ON	2009/06/15 10:47
S37	30	S35 and lecithin	US-PGPUB; USPAT	ADJ	ON	2009/06/15 10:48
S38	264	S35 and hydrophobic and hydrophilic	US-PGPUB; USPAT	ADJ	ON	2009/06/15 10:49
S39	901	S32 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 10:57
S40	45	S31 and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 10:57

## EAST Search History

S41	214	S39 and surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 11:07
S42	109	S31 and S35	US-PGPUB; USPAT	ADJ	ON	2009/06/15 11:30
S43	38082	S31 same S32	US-PGPUB; USPAT	ADJ	ON	2009/06/15 11:32
S44	596	S31 same S32 and ("436" or "210").clas.	US-PGPUB; USPAT	ADJ	ON	2009/06/15 11:33
S45	32	("2930754"   "2958656"   "3370102"   "3847818"   "4115465"   "4366062"   "4460292"   "4518508"   "4536286"   "4557949"   "4600514"   "4787981"   "4929357"   "4929358"   "5106510"   "5178772"   "5193936"   "5207791"   "5234498"   "5310487").PN. OR ("5545329").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/15 11:56
S46	3	("4257771").PN. OR ("4473651").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/15 12:02
S47	0	phospholipids near3 extract\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/15 12:08
S48	0	phospholipids same extract\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/15 12:09
S49	0	phospholipids same extract\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/15 12:09
S50	1038	phospholipids near3 extract\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/15 12:09
S51	76	phospholipids near3 extract\$4 and ("436" or "210").clas. not S44 not S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/15 12:09
S52	5	atp with diesel	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/15 12:12
S53	313	atp with fuel	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/15 12:15
S54	187	atp with oil	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/15 12:17

## EAST Search History

S55	59	210/634-655.ccls. and atp	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/15 13:26
S56	84	210/634-655.ccls. and (atp or nad or nadp or nadh)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/15 13:27
S57	676	(436/71).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/06/15 13:32
S58	280372	(crude or vegetable) oil or petrol or kerosene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 13:32
S59	42	S57 and S58	US-PGPUB; USPAT	ADJ	ON	2009/06/15 13:32
S60	1149	(210/634).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/06/15 14:06
S61	1	("5271840").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/15 14:40
S62	176	(extract\$4) and (phospholipid) and (hydrophobic or oil) and (hydrophilic or aqueous) and "210"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/15 14:41
S63	91877	vegetable oil	US-PGPUB; USPAT	ADJ	ON	2009/06/15 16:26
S64	546876	(atp or nad or nadp or nadh or nadph or enzymes or biocides)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 16:26
S65	1118	S63 same S64	US-PGPUB; USPAT	ADJ	ON	2009/06/15 16:26
S69	136722	(vegetable or corn or canola or sesame or olive) oil	US-PGPUB; USPAT	ADJ	ON	2009/06/16 15:45
S70	547049	(atp or nad or nadp or nadh or nadph or enzymes or biocides)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 15:45
S71	789	S69 with S70	US-PGPUB; USPAT	ADJ	ON	2009/06/16 15:45

## EAST Search History

S72	82626	lecithin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 15:45
S73	192	S69 same S70 same S72	US-PGPUB; USPAT	ADJ	ON	2009/06/16 15:45
S74	1473494	(lecithin or sds or sodium dodecyl (sulfate or sulphate) or phosphatidyl inositol or deoxycholic acid or potassium sorbate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 15:50
S75	27	S69 same S70 same S74 not S73	US-PGPUB; USPAT	ADJ	ON	2009/06/16 15:50
S76	162	S69 same S70 same surfactant not S73	US-PGPUB; USPAT	ADJ	ON	2009/06/16 16:05
S77	9915	surfactant same extract\$3	US-PGPUB; USPAT	ADJ	ON	2009/06/16 16:07
S78	1061	surfactant same extract\$3 same dye	US-PGPUB; USPAT	ADJ	ON	2009/06/16 16:08
S79	1104	(lecithin or sds or sodium dodecyl (sulfate or sulphate) or phosphatidyl inositol or deoxycholic acid or potassium sorbate) same extract\$3 same dye	US-PGPUB; USPAT	ADJ	ON	2009/06/16 16:08
S80	687	(S78 or S79) and S69	US-PGPUB; USPAT	ADJ	ON	2009/06/16 16:08
S81	203	(hydrophobic (liquid or matrix)) same extract\$3	US-PGPUB; USPAT	ADJ	ON	2009/06/16 16:10
S82	2440	(210/634,638-639).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/06/16 16:24
S83	77	S82 and S69	US-PGPUB; USPAT	ADJ	ON	2009/06/16 16:24
S84	1	S82 and S79	US-PGPUB; USPAT	ADJ	ON	2009/06/16 16:24
S86	252769	(lecithin or sds or sodium dodecyl (sulfate or sulphate) or phosphatidyl inositol or deoxycholic acid or potassium sorbate)	US-PGPUB; USPAT	ADJ	ON	2009/06/16 16:24
S87	17	("4062882"   "4093540"   "4240914"   "4385084"   "4410568"   "4414157").PN. OR ("4787981").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/16 16:25
S88	109	S82 and S86	US-PGPUB; USPAT	ADJ	ON	2009/06/16 16:28
S89	17	hy-lite	US-PGPUB; USPAT	ADJ	ON	2009/06/16 17:24

## EAST Search History

S90	22	hy-lite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 17:25
S91	23	hy lite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 17:25
S92	1	("6660489").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/16 17:58
S93	32	lecithin with atp	US-PGPUB; USPAT	ADJ	ON	2009/06/16 18:11
S94	2	(lee ivan).in. and lecithin	US-PGPUB; USPAT	ADJ	ON	2009/06/16 18:13
S95	21484	lecithin same surfactant	US-PGPUB; USPAT	ADJ	ON	2009/06/16 18:14
S96	18305	lecithin with surfactant	US-PGPUB; USPAT	ADJ	ON	2009/06/16 18:14
S97	1	("3257331").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/16 18:19
S98	3	("3257331").URPN.	USPAT	ADJ	ON	2009/06/16 18:22
S99	1	("5871771").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/16 18:23
S100	1	("4966824").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/16 18:25
S101	2059	extract\$3 same (methylene blue or patent blue or fluorescein)	US-PGPUB; USPAT	ADJ	ON	2009/06/16 18:27
S103	3	extract\$3 with (methylene blue or patent blue or fluorescein) and visibility	US-PGPUB; USPAT	ADJ	ON	2009/06/16 18:28
S104	1	("5490872").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/16 18:30
S105	1	("5843509").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/17 09:43
S106	1	sodium hypochlorite same (capture solution or extract\$3)	US-PGPUB; USPAT	ADJ	ON	2009/06/17 09:48
S107	3	phosphate buffer same (capture solution or extract\$3)	US-PGPUB; USPAT	ADJ	ON	2009/06/17 09:50
S108	2695	(extract\$3 or phase or visible or visibility) with (methylene blue or patent blue or fluorescein)	US-PGPUB; USPAT	ADJ	ON	2009/06/17 10:23
S109	1664	(extract\$3 or phase) with (methylene blue or patent blue or fluorescein)	US-PGPUB; USPAT	ADJ	ON	2009/06/17 10:23

## EAST Search History

S11 0	562	extract\$3 with (methylene blue or patent blue or fluorescein)	US-PGPUB; USPAT	ADJ	ON	2009/06/17 10:26
S11 1	26	extract\$3 with (methylene blue or patent blue or fluorescein) and "210".clas.	US-PGPUB; USPAT	ADJ	ON	2009/06/17 10:27
S11 2	31	(methylene blue or patent blue or fluorescein) and 210/634,638-639.cccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/17 10:27
S11 3	35	extract\$3 same (dye) and 210/634, 638-639.cccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/17 10:30
S11 4	16915	methylene blue	US-PGPUB; USPAT	ADJ	ON	2009/06/17 11:40
S11 5	32	methylene blue with extraction	US-PGPUB; USPAT	ADJ	ON	2009/06/17 11:41
S11 6	1	("6844458").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/17 16:25